

Complete and send this form, together with applicable fee(s), to:

OCT 09 2005

MAIL & FEE(S) TRANSMISSION

Mail Stop ISSUE FEE  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

07/01/2005

Robert E. Bushnell  
Suite 300  
1522 K Street, N.W.  
Washington, DC 20005  
10/05/2005 MBEYENE2 00000059 09964375

01 FC:1501 1400.00 OP  
02 FC:1504 300.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/964,375	09/28/2001	Jong-Seo Choi	P56533	2237

TITLE OF INVENTION: CATHODE FOR ELECTRON TUBE AND METHOD OF PREPARING THE CATHODE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	10/03/2005
EXAMINER	ART UNIT		CLASS-SUBCLASS		
QUARTERMAN, KEVIN J	2879		313-309000		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Robert E. Bushnell, Esq.

2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SAMSUNG SDI DO., LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Suwon-si Gyeonggi-do KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

Issue Fee  
 Publication Fee (No small entity discount permitted)  
 Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.  
 Payment by credit card. Form PTO-2038 is attached.  
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*RE Bushnell*

Date 3 October 2005

Typed or printed name Robert E. Bushnell, Esq.

Registration No. 27,774

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

Patent fees are subject to annual revision.



TOTAL AMOUNT OF PAYMENT (\$ 1,700.00)

Complete If Known	
Application Number	09/964,375
Filing Date	28 September 2001
First Named Inventor	JONG-SEO CHOI
Examiner Name	QUARTERMAN, KEVIN J
Group/Art Unit	2879

TOTAL AMOUNT OF PAYMENT (\$ 1,700.00)

Attorney Docket No. P56533

## METHOD OF PAYMENT (check one)

1.  Payment Enclosed:  
(CHECK #49654)

Check  Credit Card  Money Order  
 Other

 Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Applicant claims small entity status. See 37 CFR 1.272.  The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:

Deposit Account Number: 02-4943

## FEE CALCULATION

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid	
EXTENSION OF TIME FEES				
1251 120	2251 60	Extension for reply within first month	\$	
1252 450	2252 225	Extension for reply within second month	\$	
1253 1020	2253 510	Extension for reply within third month	\$	
1254 1590	2254 795	Extension for reply within fourth month	\$	
1255 2160	2255 1080	Extension for reply within fifth month	\$	
APPEAL				
1401 500	2401 250	Notice of Appeal	\$	
1402 500	2402 250	Filing a brief in support of an appeal	\$	
1403 1000	2403 500	Request for oral hearing	\$	
CLAIMS				
1201 200	2201 100	Independent claims in excess of 3	\$	
1202 50	2202 25	claims in excess of 20	\$	
Other Fee (specify)		Other Fee (specify)	\$	
Other Fee (specify)		Other Fee (specify)	\$	
Other Fee (specify)		Other Fee (specify)	\$	
SUBTOTAL: LEFT COLUMN		\$0.00	SUBTOTAL: RIGHT COLUMN	\$1,700.00

## SUBMITTED BY

## Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature	REB/Bushnell	Date	3 October 2005

REB/fw

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



PATENT  
P56533

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

JONG-SEO CHOI, *et al.*

Serial No.: 09/964,375                      Examiner: QUATERMAN, KEVIN J.

Filed: 28 September 2001                      Art Unit: 2879

For: CATHODE FOR ELECTRON TUBE HAVING NEEDLE-SHAPED CONDUCTIVE MATERIAL AND METHOD OF PREPARING THE CATHODE  
(as amended)

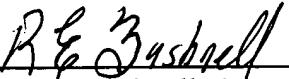
**ISSUE FEE TRANSMITTAL**

**Mail Stop : ISSUE FEE**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This transmittal accompanies a signed Issue Fee Transmittal, PTOL-85B form, and Applicant's check drawn to the order of the Commissioner of Patents & Trademarks in the amount of U.S. \$1,700.00.

Respectfully submitted,

  
\_\_\_\_\_  
Robert E. Bushnell, Esq.  
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
(202)-408-9040

Enclosures: Issue Fee Transmittal, PTOL-85B, and check No. 49654  
Folio: P56533  
Date: 5/6/05  
REB/fw